

DEVIATION RECORD

No.

Degree

Depth

None

$\frac{1}{2}^{\circ}$

1416'

WELL REPORT
ENERGY RESERVES GROUP
#272 GALLEGOS CANYON UNIT
SAN JUAN COUNTY, NEW MEXICO


R. Tucker Attebery, Geologist
Farmington, New Mexico

ENERGY RESERVES GROUP, 272 GALLEGOS CANYON UNIT,
SE NE NW SEC 33 - T28N - R12W, 1100'fn1 2200'fw1
1475' PC TEST, EL 5685' KB est (WEST KUTZ - PICTURED CLIFFS
FIELD)

ABSTRACT

The Energy Reserves Group, 272 Gallegos Canyon Unit, was
spudded December 23, 1976. The well was drilled to a total
depth of 1475' Driller, 1466' Logger, in the Pictured Cliffs
Formation of Cretaceous age.

The rotary cuttings were examined by a geologist in the field
and an electrical survey was conducted by Birdwell: IES from
90' to 1466'.

Samples were stored in the office of Energy Reserves Group
in Farmington, New Mexico.

WELL REPORT
ENERGY RESERVES GROUP: GALLEGOS CANYON UNIT #272
WEST KUTZ-PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO

LOCATION

SE/4 NE/4 NW/4, Section 27 - T28N -R12W

ELEVATION

5676' GL est., 5685' KB est.

CONTRACTOR

L & M Ventures
Toolpusher: Malcolm Kitchens

SPUD AND COMPLETION DATA

Spud Date: 12-23-76
Drill Out Date: 12-26-76
Date TD Reached: 12-28-76
TD Driller 1475' : TD Logger 1466'

CASING

Surface: 7" - 105'-50 sxs, + 15 sxs

ELECTRICAL SURVEYS

Birdwell: IES from 1466' to 90'

FORMATION TOPS

<u>Tertiary</u>	<u>Depth</u>	<u>KB Datum</u>	<u>Thickness</u>
Nacimiento	Surface	+5685'	90'
Ojo Alamo	90'	+5595'	110'

Cretaceous

Kirtland	200'	+5485'	820'
Fruitland	1020'	+4665'	315'
Pictured Cliffs Coal	1335'	+4350'	12'
Pictured Cliffs Ss	1347'	+4338'	penetrated 119'
TD 1466' Logger		+4219'	

WELL CUTTINGS

10' samples from 105' to 1475'

BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hrs. Run</u>
1	H.T.		X3 retip	105'	105'	
2	H.T.	6 1/4"	V3 retip	575'	470'	8 1/4
3	H.T.	6 1/4"	V3 new	842'	267'	6 1/2
4	H.T.	6 1/4"	V3	1320'	478'	13 3/4
5	H.T.	6 1/4"	V3	1475'	155'	4 1/2

DAILY DRILLING REPORT

12-22-76 MIRT

12-23-76 Ran surface pipe (7") to 105' and cemented with 50 sxs Bit #1 (H.T. x3 Retip).

12-26-76 Drill out @ 8 PM - Drilling 6 hrs., Bit #2 (6 1/4 Hughes Retip Barrel V3) @ 105'.

WATER

12-27-76 Drilling @ 300' - Drilled to 574', Trip for Bit #3 (6 1/4 Hughes Retip Barrel V3) @ 574', Drilling 6 hrs+, Trip for Bit #4 (6 1/4 Hughes Retip Barrel V3) @ 842', Drilling 4 hrs.

WATER to 765' and well started kicking - GTS
Built mud wt. to 8.8#, Vis 30.

12-28-76 Drilling @ 992' - Drilled to 1325', Trip for Bit #4 (6 1/4 Hughes Retip Barrel V3) @ 1325', Drilling 8 hrs., Drilling 3 1/2 hrs., Circ., trip, condition mud 5 hrs., Drilling 4 1/2 hrs., Drilling 3 hrs., Circ. for logs TD 1475'.

Mud Properties: wt. 8.7#, Vis 30.

12-29-76 Logging & Cement.